

AUTHOR INDEX

- Aston, M., 11
- Bar-On, E., 393
- Beheshti, H. M., 303
- Bell, M., 43
- Blandford, A. E., 251
- Blenkhorn, P., 29
- Bliss, J., 49
- Bures, A. L., 303
- Burkill, S., 189
- Burnett, J. D., 159
- Butcher, P. G., 1
- Cabrol, D., 81
- Cachet, C., 81
- Cerullo, M. J., 273
- Chandra, P., 49
- Chaudhry, F. I., 439
- Clark, P., 189
- Cornelius, R., 81
- Cox, M., 49
- Curry, C.A., 293
- Demaiziere, F., 131
- Derks, K., 229
- Deschênes, J. G., 417
- Diem, R. A., 215
- Duchastel, P., 403
- Edwards, M. G., 307
- Evans, J., 61
- Fakhro, S. O., 439
- Farnworth, H., 11
- Fetton, E. A., 29
- Field, G., 189
- Finney, C., 315
- Forcheri, P., 137
- Freeman, D., 55
- Gandilhon, N., 131
- Gardner, J. R., 293
- Gillies, D. J., 221
- Goh, T. N., 379
- Hall, W., 89
- Hartley, J. R., 259
- Hativa, N., 359
- Hermans, D., 229
- Homer, G. R., 201
- Howes, R. F., 347
- Hoyles, C., 61
- Irving, A., 145
- James, E. B., 267
- Jamieson, D. G., 411
- Jones, A., 149
- Layman, J., 89
- Lees, B., 97
- Leiblum, M. D., 229
- Levett, J., 55
- Loo, E. H., 379
- McCormick, S., 17
- McDougall, A., 375
- McEwen, A., 293
- McKeen, J. D., 369
- Miller, D. I., 411
- Miller, L., 159
- Molfino, M. T., 137
- Moore, J. F., 25
- Naymark, J., 167
- Ong, H. L., 379
- Orzech, Z., 429
- Parsons, M. W. S., 245
- Piddock, P., 155
- Plaisant, C., 167
- Plamondon, R., 417
- Plesha, M. E., 353
- Pollard, D., 335
- Preece, J., 149
- Richardson, L. D., 193
- Santo, H. P., 101
- Sauter, V. L., 299
- Searles, J., 215
- Shelton, F. A., 429
- Shuker, L., 73
- Smith, G. W., 115
- Smith, P. R., 251, 335, 341
- Sparkes, R. A., 119
- Squires, D., 375
- Stephens, C. D., 211
- Sutherland, R., 61
- Tait, K., 259
- Tinson, F. A., 341
- Underwood, J., 175
- Watson, D. M., 181
- Weaver, B., 73
- Weller, B. E., 307
- Whiting, J., 281
- Williams, D. O., 347
- Wood, D. L., 35
- Wormleaton, P. R., 123

Aims and scope of the journal

Computers have entered nearly every aspect and every level of education. In order to disseminate information on the wealth of experience being gained, this Journal sets as its goal the establishment of a forum for communication in the use of digital analog and hybrid computers in all aspects of education. Although the principal educational applications of computers have been in higher education, there is a growing awareness of their role in secondary and indeed, primary education, and papers which describe developments in these areas will be considered. A prime requisite in developing any technology is the establishment of its supporting literature. For both scientific and non-scientific newcomers to digital, analog and hybrid computation, this publication can serve as a reference standard against which goals can be set and the current state of the art can be assessed. The Editors welcome any contribution of papers on educational system development, simulation, computer aided design, graphi-

cal applications, language instruction, laboratory data acquisition and analysis systems, computer assisted education, methods of introduction of computers on the campus and attendant faculty-administration problems, management methods of educational computer systems, selection of educational computer systems, timely summaries in new language and hardware developments in the language of the academic computer user, state of the art summaries in developments such as large scale networks as well as directions being taken in time sharing, and mini and microcomputers. The occasional review article is also welcomed.

From time to time, papers on other related areas of importance to the educator will be published. Among these will be computers and the library, technical information centres and abstract services. The Journal also features reviews of books and short courses being offered.

Notes for contributors

General

Contributions to *Computers & Education* will be welcomed from throughout the world, in fulfilment of the broad aims set forth in the previous section. Manuscripts may be submitted directly to the Editors, Associate Editor, or through members of the Editorial Advisory Board.

It is recognized that computer-oriented papers may have associated with them certain problems involving effective communication, somewhat akin to those dealing with complex experiments. The manner of presentation of concepts, procedures, results and validation warrant particular attention, since it may not always be possible, in a single paper, to present sufficient detail to facilitate reproduction and checking. Thus complementary papers will be considered dealing with details, if authors consider this advisable. Alternatively, reference may be made to supporting reports available to the public or filed with the Editor for reference

by readers. Authors are urged, where possible, to include in papers features such as flow charts, algorithms, input-output details, and examples, with pertinent comparisons and critical evaluations. It is worthwhile to re-emphasize the Journal's interest in design methods and educational programs as well as research and development.

In accordance with usual practice, papers previously published cannot be accepted for the Journal, and authors must agree not to publish elsewhere papers submitted to and accepted by the Journal.

The journal will accept only papers submitted in English. Reprints can be purchased on completion of a reprint order form which will accompany proofs. Copies of the issue may also be ordered at a specially reduced rate. A short title of not more than 45 letters and spaces should be supplied.

Manuscript requirements

Manuscripts should be typed double-spaced on one side of the page only with wide margins and submitted in duplicate. While no maximum length of contributions is prescribed, authors are encouraged to write concisely. The title should be brief. A short abstract should accompany the manuscript on a separate sheet. Both the paper itself and the abstract should be headed by the name(s) of the author(s) and his (their) affiliation(s). In the case of co-authors, it should be clearly indicated who is to receive correspondence and proofs for correction.

Because of the international character of the Journal, no rigid rules concerning notation or abbreviation need be observed by the authors but each paper should be self-consistent as to symbols and units which should all be properly defined.

All mathematical symbols may be either handwritten or type-written but no ambiguities should arise. Greek letters and unusual symbols should be identified in the margin. Distinction should be made between capital and lower case letters; between the letter O and zero; between the letter I, the number one and prime; between k and kappa. A vector will be printed bold face and to indicate this the letter should be underscored with a single wavy line. The numbers identifying mathematical expressions should be placed in parentheses.

Illustrations are to be restricted to the minimum necessary. They should accompany the script and should be included in manuscript pages. Line drawings should include all relevant details and should be drawn in black ink on plain white drawing paper or tracing cloth. Original drawings or good photoprints are acceptable but blueprints or dye line prints cannot be used. Drawings, etc. should be about twice the final size required and lettering must be clear and "open" and sufficiently large to permit the necessary reduction. The following standard symbols should be used on line drawings since they are easily available to the printers:

○ ● + × □ ■ ▲ △ ▽ ▿

Photographs should be sent as glossy prints. If words or numbers are to appear on a photograph, two prints should be sent, the lettering being clearly indicated on one print only. Figure legends

should be typed on a separate sheet and placed at the end of the manuscript.

References to published literature should be quoted in the text in square brackets and grouped at the end of the paper in numerical order. Double-spacing must be used throughout.

In the interest of economy and in order to avoid the introduction of errors, tables will be reproduced by photo-offset means, directly from the author's typed manuscript. In case of difficulty in complying with these requirements please consult the Photoreprographic Department of your institution.

Computer programs should be given on an original print-out and will be reproduced photographically to avoid errors. Glossy prints of the original print-outs are also acceptable but photocopies are NOT acceptable. It is recommended that authors use white paper and a new ribbon for producing original print-outs.

The original manuscript and diagrams will be discarded 1 month after publication unless the Publisher is requested to return original material to the author.

Journal references should be arranged thus:

1. Lowry W. K., *Science* 175, 841 (1972).

Book references should be given as follows:

2. Schultz D. G. and Melsa J. L., *State Functions and Linear Control Systems*. McGraw-Hill, New York (1967).

Abbreviations of journal titles should follow those given in *World List of Scientific Periodicals* (4th edn). It is particularly requested that authors' initials, and appropriate volume and page numbers should be given in every case in the correct order as displayed above.

Footnotes, as distinct from literature references, should be indicated by the following symbols:

* † ‡ § || ¶

commencing anew on each page. They should NOT be included in the numbered reference system.

